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Search result

| | |
|---|---|
| QUERY | |
| Search done on | 22.1.2010 (14:54h) |
| Search ID | 10576885 |
| Database | Metallic compounds |
| Keyword 1 | FERRITE |
| Keyword 2 | and MARTENSITE |
| Composition (Dimension: weight-%, Limit for optional components: 0) | C: 0.001-0.015 * SI: 0.01-0.5 * MN: 0.1-1.8 * P: 0-0.03 * S: 0-0.005 * CR: 15-18 * NI: 0.5-5.5 * MO: 0.5-3.5 * V: 0.02-0.2 * N: 0.001-0.015 * O: 0-0.006 * CU: 0.5-1.14 * FE: BALANCE |
| Sorted according to | Date of publication descending |

Compositions

Hits 14

| 1 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54h) | | |
|---|--|-----------------------|
| Field | Content | |
| Publication | WO2008106978 A1 | 12.09.2008 |
| Priority | EP07103496 | 05.03.2007 |
| Application | WO28022008DK200850049 | |
| Applicant | Danmarks Tekniske Universitet (Technical University of Denmark); Dong Energy A-S | |
| Inventor | Danielsen, Hilmar; Hald, John | |
| Title | Martensitic creep resistant steel strengthened by Z-phase | |
| Info | | |
| IPC | C22C038/00 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%]: CR : 9-15 * N : 0,01-0,2 * C : 0-0,09999 * V : 0,01-0,5 + NB : 0,01-1 + TA : 0,01-2 * FE : REST * CO : 0-7,99999 * MO + W : 0-3,99999 * MN + NI + CU : 0-2,99999 * SI : 0-1,99999 * B : 0-0,03999 * P : 0-0,33 | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | HIGH-TEMPER-STRENGTH | WARMFEST |
| | MARTENSITE | MARTENSIT |
| | NUCLEAR-ENERGY | KERNENERGIE |
| | PRODUCTION | HERSTELLUNG |
| | TURBINE | TURBINE |
| | USE | VERWENDUNG |

2 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54h)

| Field | Content |
|-----------------|---|
| Publication | EP1683885 A1 26.07.2006 |
| Priority | JP2003373404 31.10.2003 |
| Application | EP2210200404793183 |
| Applicant | JFE Steel Corp. |
| Inventor | Kimura, Mitsuo; Tamari, Takanori; Yamazaki, Yoshio und Miterfinder |
| Title | High strength stainless steel pipe for line pipe excellent in corrosion resistance and method for production thereof |
| Info | Bemessungsregeln |
| IPC | C22C038/00 |
| Composition nr. | 1 Composite component - |
| Composition | [weight-%]: C : 0,001-0,015 * SI : 0,01-0,5 * MN : 0,1-1,8 * P : 0-0,03 * S : 0-0,005 * CR : 15-18 * NI : 0,5-5,49 * MO : 0,5-3,5 * V : 0,02-0,2 * N : 0,001-0,015 * O : 0-0,006 * AL : 0-0,05 * NB : 0-0,2 * Ti : 0-0,3 * ZR : 0-0,2 * W : 0-3 * B : 0-0,01 * CU : 0-3,5 * CA : 0-0,01 * FE : REST |
| Key words | (english) (german) |
| | AUSTENITE AUSTENIT |
| | CORROSION-RESISTING KORROSIONSBEST |
| | FERRITE FERRIT |
| | HEAT-TREATMENT WÄRMEBEHANDLUNG |
| | MARTENSITE MARTENSIT |
| | STRESS-CORROSION-RESIST SPANNUNGSKORROSIONSBEST |
| | TENSILE-STRENGTH ZUGFEST |
| | TOUGH ZÄH |
| | USE VERWENDUNG |
| | WELDABLE SCHWEISSBAR |

3 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54h)

| Field | Content |
|-----------------|---|
| Publication | EP1662015 A1 31.05.2006 |
| Priority | JP2003295163 19.08.2003 |
| Application | EP1108200404771770 |
| Applicant | JFE Steel Corp. |
| Inventor | Kimura, Mitsuo; Tamari, Takanori; Yamazaki, Yoshio und Miterf. |
| Title | High strength stainless steel pipe excellent in corrosion resistance for use in oil well and method for production thereof |
| Info | |
| IPC | C22C038/00 |
| Composition nr. | 1 Composite component - |
| Composition | [weight-%]: C : 0,005-0,05 * SI : 0,05-0,5 * MN : 0,2-1,8 * P : 0-0,03 * S : 0-0,005 * CR : 15,5-18 * NI : 1,5-5 * MO : 1-3,5 * V : 0,02-0,2 * N : 0,01-0,15 * O : 0-0,006 * AL : 0-0,05 * CU : 0-3,5 * NB : 0-0,2 * Ti : 0-0,3 * ZR : 0-0,2 * W : 0-3 * B : 0-0,01 * CA : 0-0,01 * FE : REST |
| Key words | (english) (german) |
| | AUSTENITE AUSTENIT |
| | CORROSION-RESISTING KORROSIONSBEST |
| | FERRITE FERRIT |
| | HEAT-TREATMENT WÄRMEBEHANDLUNG |
| | MARTENSITE MARTENSIT |
| | PLASTIC PLASTISCH |
| | PRODUCTION HERSTELLUNG |
| | TENSILE-STRENGTH ZUGFEST |
| | TOUGH ZÄH |
| | USE VERWENDUNG |

| 4 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H) | | |
|---|--|-----------------------|
| Field | Content | |
| Publication | EP1403394 A1 | 31.03.2004 |
| Priority | JP2002283413 | 27.09.2002 |
| Application | EP2609200303021820 | |
| Applicant | Nisshin Steel Co., Ltd. | |
| Inventor | Tomimura, Kouki; Fujimoto, Hiroshi; Morimoto, Kenichi und Miterf. | |
| Title | Deflection-resistant stainless steel made structural members of a two-wheeled vehicle | |
| Info | | |
| IPC | C22C038/42 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] : C : 0-0,04 * SI : 0-2 * MN : 0-2 * CR : 10-20 * NI : (0)-4 * CU : 0-3 * N : 0-0,12 * B : 0-0,015 * MO : 0-3 * Ti : 0-0,1 * NB : 0-0,4 * V : 0-0,3 * P : S : 0-0,333 * FE : REST | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | HARD | HART |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | MARTENSITE | MARTENSIT |
| | PRODUCTION | HERSTELLUNG |
| | USE | VERWENDUNG |
| | WELDABLE | SCHWEISSBAR |

| 5 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H) | | |
|---|--|-----------------------|
| Field | Content | |
| Publication | EP1310575 A1 | 14.05.2003 |
| Priority | JP2000226832 | 27.07.2000 |
| Application | EP1707200101950005 | |
| Applicant | Kawasaki Steel Corporation | |
| Inventor | Toyooka, Takaaki; Yorifuji, Akira; Kitazawa, Makoto und Miterf. | |
| Title | Stainless-steel pipe with excellent suitability for secondary processing for automotive structural member | |
| Info | | |
| IPC | C22C038/18 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] : C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * CR : 10-18 * N : 0-0,03 * CU : 0-0,6 * NI : 0-0,6 * MO : 0-2,5 * NB : 0-1 * Ti : 0-1 * V : 0-1 * O : 0-0,008 * P : 0-0,045 * S : 0-0,02 * FE : REST | |
| Keywords | (english) | (german) |
| | FERRITE | FERRIT |
| | MARTENSITE | MARTENSIT |
| | PLASTIC | PLASTISCH |
| | USE | VERWENDUNG |

| 6 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H) | | |
|---|---|------------|
| Field | Content | |
| Publication | WO0210469 A | 07.02.2002 |
| Priority | JP226832 | 27.07.2000 |
| Application | WO17072001JP01/06155 | |
| Applicant | KAWASAKI STEEL CORP. | |
| Inventor | TOYOOKA, TAKAAKI/ YORIFUJI, AKIRA/ KITAZAWA, MAKOTO UND MITERFINDER | |

| | | |
|-----------------|---|-----------------------|
| Title | STAINLESS-STEEL PIPE WITH EXCELLENT SUITABILITY FOR SECONDARY PROCESSING FOR AUTOMOTIVE STRUCTURAL MEMBER | |
| Info | | |
| IPC | C22C03818 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%]: C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * P : 0-0,045 * S : 0-0,02 * O : 0-0,008 * CR : 10-18 * N : 0-0,03 * NI : 0-0,6 * CU : 0-0,5 * MO : 0-2,5 * NB : 0-1 * Ti : 0-1 * V : 0-1 * FE : REST | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | HIGH-TEMPER-STRENGTH | WARMFEST |
| | MARTENSITE | MARTENSIT |
| | TENSILE-STRENGTH | ZUGFEST |
| | USE | VERWENDUNG |

| | | |
|---|--|-----------------------|
| 7 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 03.1.2010 (14:54H) | | |
| Field | Content | |
| Publication | JP2002038242 AA | 06.02.2002 |
| Priority | JP2000226832 | 27.07.2000 |
| Application | JP270720002000226832 | |
| Applicant | KAWASAKI STEEL CORP. | |
| Inventor | TOYOOKA, TAKAAKI; KITAZAWA, MAKOTO; KAWABATA, YOSHIKAZU UND MITERFINDER | |
| Title | STAINLESS STEEL TUBE FOR STRUCTURAL MEMBER OF AUTOMOBILE EXCELLENT IN SECONDARY WORKING PROPERTY | |
| Info | | |
| IPC | C22C03800 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%]: C : 0-0,2 * SI : 0-1,5 * MN : 0-2 * CR : 10-18 * N : 0-0,03 * CU : 0-0,6 + NI : 0-0,6 + MO : 0-2,5 + NB : 0-1 + Ti : 0-1 + V : 0-1 * FE : REST | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | MACHINEABLE | ZERSPANBAR |
| | MARTENSITE | MARTENSIT |
| | PLASTIC | PLASTISCH |
| | TENSILE-STRENGTH | ZUGFEST |
| | TEXTURE | TEXTUR |

| | | |
|---|---|-----------------------|
| 8 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 03.1.2010 (14:54H) | | |
| Field | Content | |
| Publication | JP01179485 A | 03.07.2001 |
| Priority | JP370129 | 27.12.1999 |
| Application | JP2712199911-370129 | |
| Applicant | SUMITOMO METAL IND LTD | |
| Inventor | OMURA, TOMOHIKO / HAMADA, MASAHIKO / OGAWA, KAZUHIRO UND MITERFINDER | |
| Title | MARTENSITIC WELDED STAINLESS STEEL PIPE AND PRODUCING METHOD THEREFOR | |
| Info | ANGABEN Z.T. NICHT IM ABSTRACT | |
| IPC | B23K03530 | |
| Composition nr. | 1 | Composite component - |

| | | |
|-------------|---|-------------------------|
| Composition | [weight-%] : C : 0-0,1 * SI : 0-1 * MN : 0-3 * P : 0-0,04 * S : 0-0,01 * V : 0-0,1 * N : 0-0,1 * O : 0-0,06 * NI : 2-10 * CR : 12-20 * MO : 0-5 * TI : 0-0,2 * AL : 0-0,1 * NB : 0-0,1 * CU : 0-3 * W : 0-6 * FE : REST | |
| Keywords | (english) | (german) |
| | AUSTENITE | AUSTENIT |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | MARTENSITE | MARTENSIT |
| | STRESS-CORROSION-RESIST | SPANNUNGSKORROSIONSBEST |
| | TENSILE-STRENGTH | ZUGFEST |
| | TOUGH | ZÄH |
| | USE | VERWENDUNG |
| | WELDABLE | SCHWEISSBAR |

9 - DEUTSCHES PATENT- UND MARKENAMT OPMA - 22.1.2010 (14:54H)

| Field | Content | |
|-----------------|--|-------------------------|
| Publication | JP2001140040 AA | 22.05.2001 |
| Priority | JP11-323522 | 15.11.1999 |
| Application | JP1511199911-323522 | |
| Applicant | SUMITOMO METAL IND LTD. | |
| Inventor | OMURA, TOMOHIKO; KUSHIDA, TAKAHIRO | |
| Title | LOW CARBON FERRITE-MARTENSITE DUPLEX STAINLESS WELDED STEEL PIPE EXCELLENT IN SULFIDE STRESS CRACKING RESISTANCE | |
| Info | | |
| IPC | C22C03800 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] : C : 0-0,02 * P : 0-0,04 * S : 0-0,01 * NI : 2-8 * CR : 11,5-15 * MO : 1,5-4 * SI : 0-1 * MN : 0-1 * AL : 0-0,1 * CU : 0-1,2 * TI : 0-0,2 * N : 0-0,02 * V : 0-0,1 * FE : REST | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | MARTENSITE | MARTENSIT |
| | STRESS-CORROSION-RESIST | SPANNUNGSKORROSIONSBEST |
| | TOUGH | ZÄH |
| | WELDABLE | SCHWEISSBAR |

10 - DEUTSCHES PATENT- UND MARKENAMT OPMA - 22.1.2010 (14:54H)

| Field | Content | |
|-----------------|---|-----------------------|
| Publication | JP00008144 A | 11.01.2000 |
| Priority | JP175724 | 23.06.1998 |
| Application | JP2306199810-175724 | |
| Applicant | SUMITOMO METAL IND LTD. | |
| Inventor | KUSHIDA, TAKAHIRO/ OMURA, TOMOHIKO/ KONDO, KUNIO | |
| Title | FERRITE-MARTENSITE DUPLEX STAINLESS WELDED STEEL PIPE | |
| Info | | |
| IPC | C22C03800 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] : C : 0-0,05 * SI : 0-1 * MN : 0-0,5 * NI : 0,7-4 * CR : 9-15 * AL : 0-0,1 * N : 0-0,02 * CU : 0-1,2 * MO : 0-1,2 * TI : 0-0,2 * V : 0-0,1 * FE : REST | |
| Keywords | (english) | (german) |
| | CORROSION-RESISTING | KORROSIONSBEST |

| | | |
|--|------------------|-------------|
| | FERRITE | FERRIT |
| | MARTENSITE | MARTENSIT |
| | TENSILE-STRENGTH | ZUGFEST |
| | WELDABLE | SCHWEISSBAR |

11 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:53H)

| Field | Content | |
|-----------------|---|-----------------------|
| Publication | EP649915 A | 26.04.1995 |
| Priority | JP264909 | 22.10.1993 |
| Application | EP2110199494116644.9 | |
| Applicant | NKK CORP. | |
| Inventor | HASHIZUME, SHUJI / MINAMI, YUSUKE / ISHIZAWA, YOSHIIICHI UND MITERFINDER | |
| Title | HIGH-STRENGTH MARTENSITIC STAINLESS STEEL AND METHOD FOR MAKING THE SAME | |
| Info | | |
| IPC | C22C03842 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] C : 0-0,06 * CR : 12-16 * SI : 0-1 * MN : 0-2 * NI : 0,5-8 * MO : 0,1-2,5 * CU : 0,3-4 * N : 0-0,05 * FE : REST * V : 0-0,1 + NB : 0-0,1 | |
| Keywords | (english) | (german) |
| | AUSTENITE | AUSTENIT |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | MARTENSITE | MARTENSIT |
| | PRECIPITATION-HARDENING | AUSSCHIEDUNGSH |
| | TENSILE-STRENGTH | ZUGFEST |
| | TOUGH | ZÄH |
| | USE | VERWENDUNG |

12 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H)

| Field | Content | |
|-----------------|---|-----------------------|
| Publication | EP481377 A | 22.04.1992 |
| Priority | JP275423 | 16.10.1990 |
| Application | EP1110199191117408.4 | |
| Applicant | NISSHIN STEEL CO., LTD. | |
| Inventor | IGAWA, TAKASHI/ UEMATSU, YOSHIHIRO/ TAKEMOTO, TOSHIHIKO | |
| Title | PROCESS FOR PRODUCING HIGH-STRENGTH STAINLESS STEEL STRIP | |
| Info | | |
| IPC | C21D00802D | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%] C : {0}-0,15 * SI : {0}-6 * MN : {0}-10 * NI : {0}-8 * CR : 10-17 * N : {0}-0,3 * MO : 0-4 * CO : 0-4 * CU : 0-4 * TI + AL + NB + V + ZR : 0-1 * FE : REST | |
| Keywords | (english) | (german) |
| | AUSTENITE | AUSTENIT |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | HEAT-RESISTANT | HITZEBEST |
| | MARTENSITE | MARTENSIT |
| | TENSILE-STRENGTH | ZUGFEST |

| USE | | VERWENDUNG |
|--|--|-----------------------|
| 13 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H) | | |
| Field | Content | |
| Publication | EP481378 A | 22.04.1992 |
| Priority | JP275422 | 16.10.1990 |
| Application | EP1110199191117409.2 | |
| Applicant | NISSHIN STEEL CO., LTD. | |
| Inventor | IGAWA, TADASHI/ UEMATSU, YOSHIHIRO/ TAKEMOTO, TOSHIHIKO | |
| Title | PROCESS FOR PRODUCING HIGH STRENGTH STEEL BELT | |
| Info | | |
| IPC | B21B00500 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%]: CR : 10-17 * C : (0)-0,15 * NI : (0)-3 * SI : (0)-6 * MN : (0)-10 * N : (0)-0,3 * FE : REST * MO : 0-4 * CU : 0-4 * CO : 0-4 * TI + AL + NB + V + ZR + B + SELTERD : 0-1 | |
| Keywords | (english) | (german) |
| | AUSTENITE | AUSTENIT |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | FINE-GRAINED | FEINKÖRNIG |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | MARTENSITE | MARTENSIT |
| | PRODUCTION | HERSTELLUNG |
| | TENSILE-STRENGTH | ZUGFEST |
| | USE | VERWENDUNG |
| | WELDABLE | SCHWEISSBAR |

| 14 - DEUTSCHES PATENT- UND MARKENAMT DPMA - 22.1.2010 (14:54H) | | |
|--|---|-----------------------|
| Field | Content | |
| Publication | GB1192934 C | 28.05.1970 |
| Priority | US559185 | 21.06.1966 |
| Application | GB0906196726776/67 | |
| Applicant | INTERNATIONAL NICKEL LTD. | |
| Inventor | HAYDEN, HOWARD/ GIBSON, ROBERT/ BROPHY, JERE | |
| Title | STEEL | |
| Info | 1,5> Ti+V> 4(C-0,03); 1,17Ni+13,3< CR+ MO< 3,5Ni+ 11 | |
| IPC | C22C03920 | |
| Composition nr. | 1 | Composite component - |
| Composition | [weight-%]: C : 0-0,08 * SI : 0-1 * MN : 0-1 * P : 0-0,025 * S : 0-0,025 * N : 0-0,02 * H : 0-0,0005 * MG + ZR + CE + B + AL + HF : 0-0,1111 * CR : 18-35 * NI : 2-12 * TI : 0-1,5 * MO : 0-3 * CO : 0-2 * CU : 0-2,5 * V : 0-1 * FE : REST | |
| Keywords | (english) | (german) |
| | AUSTENITE | AUSTENIT |
| | CORROSION-RESISTING | KORROSIONSBEST |
| | FERRITE | FERRIT |
| | FINE-GRAINED | FEINKÖRNIG |
| | HEAT-TREATMENT | WÄRMEBEHANDLUNG |
| | HIGH-TEMPER-STRENGTH | WARMFEST |
| | MARTENSITE | MARTENSIT |
| | PRODUCTION | HERSTELLUNG |

| | | |
|--|--------------|----------------|
| | SUPERPLASTIC | SUPERPLASTISCH |
| | WIRE | DRAHT |